2021 YOUTH RISK BEHAVIOR SURVEY RESULTS

## North Dakota Middle School Survey

Trend Analysis Report


[^0]2021 YOUTH RISK BEHAVIOR SURVEY RESULTS

## North Dakota Middle School Survey

Trend Analysis Report

| Total <br> Injury and Violence | Health Risk Behavior and Percentages |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $\mathrm{p}<0.05$.
Based on t-test analysis, $\mathrm{p}<0.05$.

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| Total <br> Tobacco Use | Heal | Ris | Behavi | or and | Percen | tes |  |  |  |  |  | Linear Change* | Quadratic Change* | Change from 2019-2021 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1991 1993 1995 1997 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 | 2019 | 2021 |  |  |  |
| QN17: Percentage of students who ever tried cigarette smoking (even one or two puffs) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 43.6 | 38.0 | 32.9 | 31.6 | 23.4 | 21.1 | 17.7 | 17.0 | 16.2 | 10.9 | 10.9 | 11.6 | Decreased, 1999-2021 | Decreased, 1999-2017 <br> No change, 2017-2021 | No change |
| QN19: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13.4 | 10.0 | 9.5 | 8.9 | 5.7 | 7.3 | 5.6 | 4.2 | 3.6 | 2.9 | 3.6 | 3.6 | Decreased, 1999-2021 | No quadratic change | No change |
| QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4.6 | 3.2 | 2.8 | 1.9 | 2.2 | 1.8 | 1.4 | 1.1 | 0.6 | 0.4 | 0.3 | 0.3 | Decreased, 1999-2021 | No quadratic change | No change |
| QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2.9 | 2.4 | 1.8 | 1.4 | 1.2 | 1.1 | 1.0 | 0.7 | 0.5 | 0.2 | 0.2 | 0.2 | Decreased, 1999-2021 | No quadratic change | No change |

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[^1]2021 YOUTH RISK BEHAVIOR SURVEY RESULTS

## North Dakota Middle School Survey

Trend Analysis Report


[^2]2021 YOUTH RISK BEHAVIOR SURVEY RESULTS

## North Dakota Middle School Survey

Trend Analysis Report


[^3]2021 YOUTH RISK BEHAVIOR SURVEY RESULTS

## North Dakota Middle School Survey

Trend Analysis Report


[^4]2021 YOUTH RISK BEHAVIOR SURVEY RESULTS

## North Dakota Middle School Survey

Trend Analysis Report

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${ }^{8}$ Not enough years of data to calculate.

2021 YOUTH RISK BEHAVIOR SURVEY RESULTS

## North Dakota Middle School Survey

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## North Dakota Middle School Survey

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## 2021 YOUTH RISK BEHAVIOR SURVEY RESULTS

## North Dakota Middle School Survey

Trend Analysis Report

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## North Dakota Middle School Survey

## Trend Analysis Report


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2021 YOUTH RISK BEHAVIOR SURVEY RESULTS

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2021 YOUTH RISK BEHAVIOR SURVEY RESULTS

## North Dakota Middle School Survey

Trend Analysis Report

## Total

Other

## Health Risk Behavior and Percentages Linear Change* Quadratic Change* Change from

 2019-2021
## $\begin{array}{llllllllllllllll}1991 & 1993 & 1995 & 1997 & 1999 & 2001 & 2003 & 2005 & 2007 & 2009 & 2011 & 2013 & 2015 & 2017 & 2019 & 2021\end{array}$

QN46: Percentage of students who usually did not sleep in their parent's or guardian's home (during the 30 days
before the survey)
1.8 1.2 No linear change Not available ${ }^{\S} \quad$ No change

2021 YOUTH RISK BEHAVIOR SURVEY RESULTS

## North Dakota Middle School Survey

Trend Analysis Report

| Total <br> Site-Added |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Heal | th Risk | Behavi | r and | Percen | tages |  |  |  |  |  | Linear Change* | Quadratic Change* | Change from |
| 19911993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 | 2019 | 2021 |  |  |  |

QN48: Percentage of students who reported someone did sexual things to them that they did not want to do by
pressuring them, lying to them, making promises about the future, threatening to end their relationship, or threatening
to spread rumors about them (during the 12 months before the survey)
8.0 8.8 No linear change Not available ${ }^{\S} \quad$ No change

| QN50: Percentage of students who felt sad or hopeless (almost every day for $>=2$ weeks in a row so that they stopped |
| :--- |
| doing some usual activities, ever during the 12 months before the survey) |
| Increased |
| QN51: Percentage of students who currently drank alcohol (at least one drink of alcohol, on at least 1 day during the |
| 30 days before the survey) |

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[^7]2021 YOUTH RISK BEHAVIOR SURVEY RESULTS

## North Dakota Middle School Survey

Trend Analysis Report


[^8]2021 YOUTH RISK BEHAVIOR SURVEY RESULTS

## North Dakota Middle School Survey

Trend Analysis Report

| Total <br> Site-Added |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Health Risk Behavior and Percentages |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Linear Change* | Quadratic Change* | Change from 2019-2021 |
| 1991 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 | 2009 | 2011 | 2013 | 2015 | 2017 | 2019 | 2021 |  |  |  |
| QNNODNT: Percentage of students who never saw a dentist (for a check-up, exam, teeth cleaning, or other dental work) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 2.0 | 1.2 | 1.0 | 1.3 | 1.6 | 0.8 | 1.3 | 1.1 | Decreased, 2007-2021 | No quadratic change | No change |
| QN60: Percentage of students who brushed their teeth on seven days (during the 7 days before the survey) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  | 66.4 |  | 63.1 | 63.3 | 64.6 | 60.2 | Decreased, <br> 2011-2021 | No quadratic change | Decreased |
| QN61: Percentage of students who would most likely talk with their parent or other adult family member about their feelings (among students who report having felt sad, empty, hopeless, angry, or anxious) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | 33.3 | 34.6 | 31.9 | 24.3 | Decreased, <br> 2015-2021 | Not available ${ }^{\text {¢ }}$ | Decreased |

[^9]${ }^{8}$ Not enough years of data to calculate.

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